

Powerline NA, Inc  
Jasper, Florida  
Channel 298A  
June - 2002

ORIGINAL



**Technical Statement:**

The Following technical exhibit and statement has been prepared on behalf of Powerline NA, Inc. The purpose is a proposed rule making to allot channel 298A to Jasper, Florida.

**Proposed City:**

Jasper, Florida presently does not employ any local service. This proposal will offer first local service to Jasper. The city is located in Hamilton county, Florida, is an incorporated city with a fully active city government. According to the 2000 Census data, The population of Jasper is 1,780 persons. Jasper has it's own police, fire, water, and sanitation departments as well as it own US Post Office (32052) and many businesses and houses of worship.

**Technical Spacing Concerns:**

Exhibit-1 is a spacing study from the proposed site. This exhibit clearly shows that the proposed site is fully spaced to any other operating or proposed FM facility.

**Proposed Site:**

Exhibit-2 is a plot showing the 70 dBu Contour and the city of Jasper. This exhibit clearly shows the entire city will be encompassed by the 70 dBu contour.

**Line-of-Site Study:**

Exhibit-2B is a LOS plot showing the proposed city of license, Jasper, and the proposed site. This exhibit is offered to show the Commissions staff there are no terrain concerns from the proposed site and the proposed city of license.

**Persons Gained/Loss:**

Total persons gained by proposal is 35, 118 persons. Exhibit-3 is a visual plot showing the proposed 1.0 mV/M (60 dBu) contour, the population, and area within that contour. This exhibit clearly shows that the public interest would be better served by granting this proposal by adding new service to 35,118 persons.

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**Conclusion:**

Powerline NA, Inc. proposes to allocate channel 298A and designate Jasper, Florida as the city of license. The attached technical statement and exhibits, in support of this proposal clearly show the public interest would be better served by granting the proposal. Once granted, Powerline NA, Inc. will prepare, and file, FCC Form 301 to request a construction permit, or participate in the FCC auction, and commence operation of the station at once.



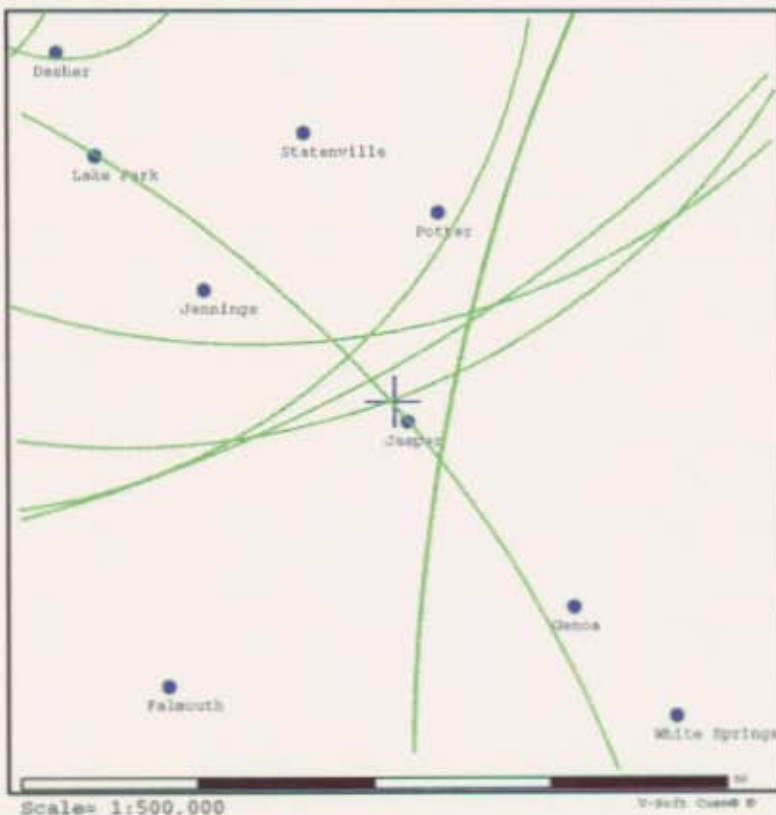
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EXHIBIT - 1 POWERLINE NA, INC.  
JASPER, FLORIDA

FMCONT<sup>(TM)</sup> LOCATE STUDY

Ch 298 A  
107.5 MHz

N. Lat. 30 31 49  
W. Lng. 82 57 58

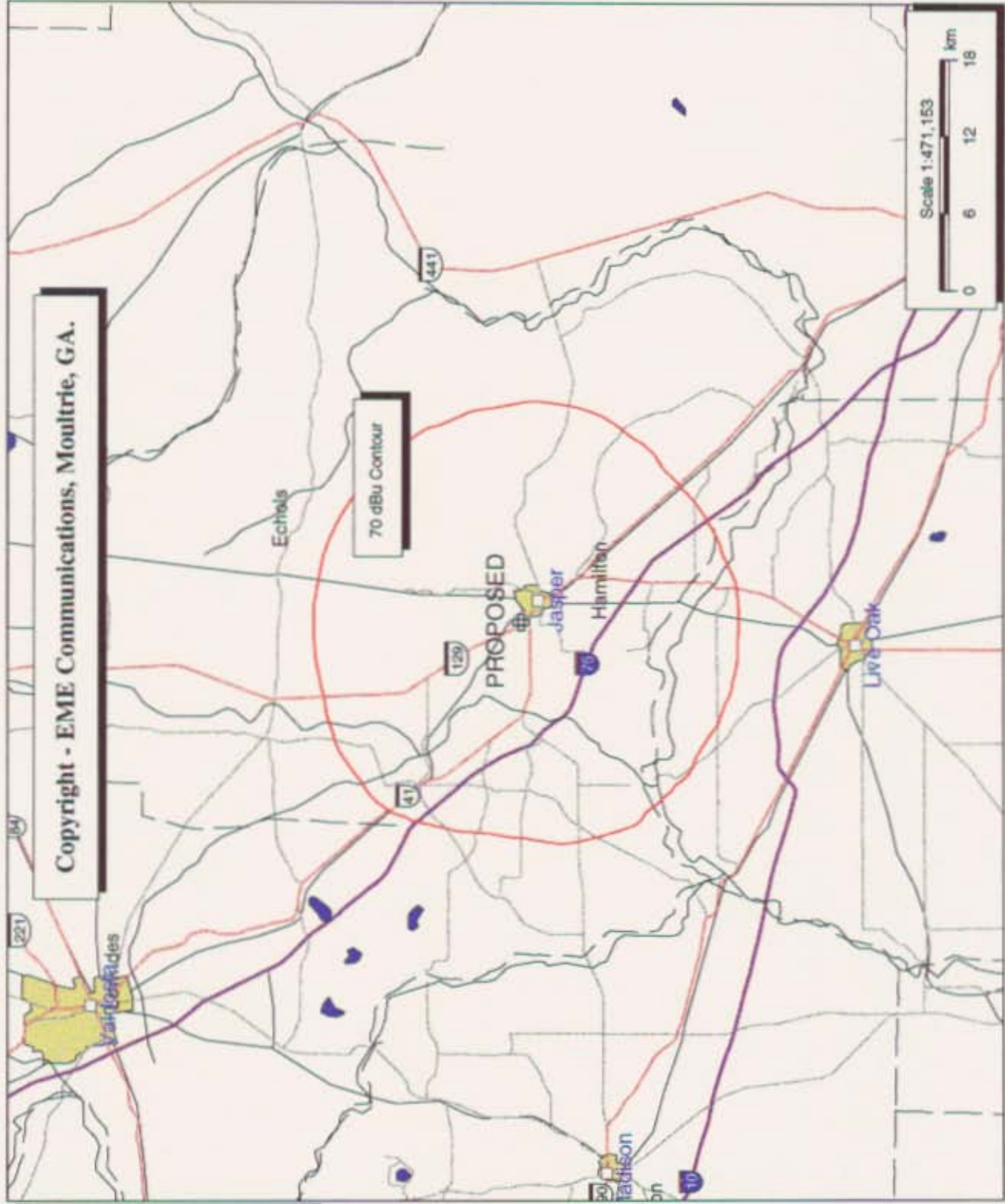


Call	CH#	Location		D-KM	Azi	FCC	Margin
ALLO.V	299C3	Perry	FL	89.15	228.4	89.0	0.15
ALLO.V	300C2	Valdosta	GA	55.16	339.7	55.0	0.16
WTIFFM	298A	Omega	GA	117.15	331.3	115.0	2.15
WROO	297C1	Jacksonville	FL	136.90	101.3	133.0	3.90
WROO.C	297C1	Jacksonville	FL	136.99	101.3	133.0	3.99
WWRQFM	300C3	Valdosta	GA	46.56	317.0	42.0	4.56
WWRQFC	300C2	Valdosta	GA	59.91	350.3	55.0	4.91
WKZY	295C1	Cross City	FL	102.83	173.8	75.0	27.83
WYZK	244A	Valdosta	GA	41.24	325.5	10.0	31.24
WYZK.C	244C2	Valdosta	GA	51.31	313.0	15.0	36.31
WTLY	296C1	Thomasville	GA	122.02	273.3	75.0	47.02
WYNR	299C2	Darien	GA	153.96	62.1	106.0	47.96

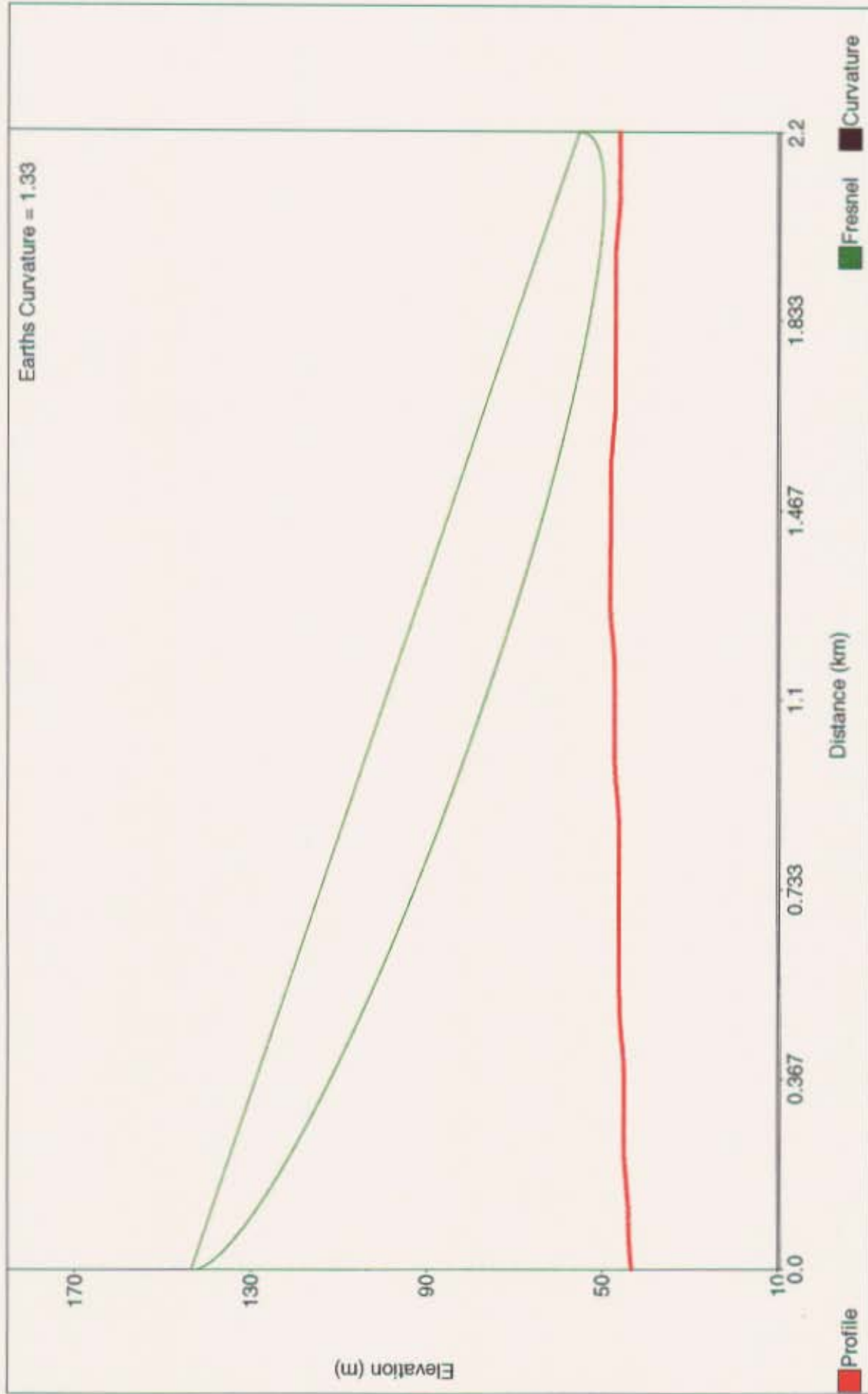
**PROPOSED**

Latitude: 30-31-49 N  
Longitude: 082-57-58 W  
ERP: 6.00 kW  
EIRP: 9.84 kW  
Channel: 298  
Frequency: 107.5 MHz  
AMSL Height: 143.34 m  
Elevation: 43.34 m  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: FCC Contours

**EXHIBIT - 2**



# EXHIBIT - 2B JASPER FLORIDA



Starting Latitude: 30-31-49 N

Starting Longitude: 082-57-58 W

Transmitter Height (AG) = 100.0 m

Receiver Height (AG) = 9.1 m

End Latitude: 30-31-04.33 N

End Longitude: 082-56-53.38 W

Transmitter Elevation = 43.3 m

Receiver Elevation = 46.0 m

Distance: 2.20 km

Bearing: 128.60 deg

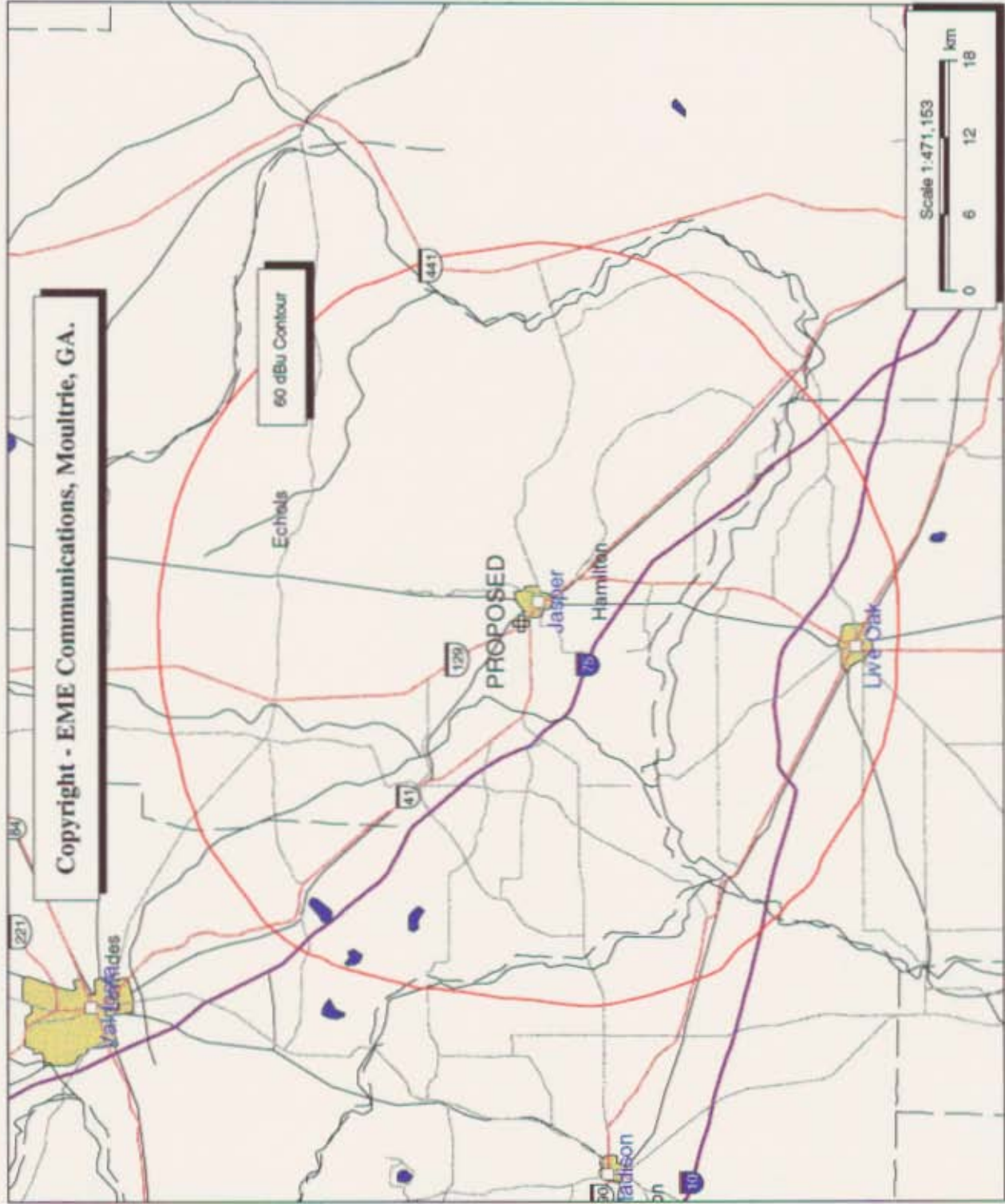
Frequency = 107.5 MHz

Fresnel Zone: 0.6

**PROPOSED**

Latitude: 30-31-49 N  
Longitude: 082-57-58 W  
ERP: 6.00 kW  
EIRP: 9.84 kW  
Channel: 298  
Frequency: 107.5 MHz  
AMSL Height: 143.34 m  
Elevation: 43.34 m  
Horiz. Pattern: Omni  
Vert. Pattern: No  
Prop Model: FCC Contours

**EXHIBIT - 3**



## Declarartion of Preparer

State of Georgia )  
City of Moultrie )  
Colquitt County )

§

Clyde Scott, Jr. ,Under penalty of perjury, declared and says he is a broadcast engineer and president of EME Communications. He has been engaged to prepare the attached technical exhibit.

That his qualifications are a matter of record before the Federal Communications Commission and has been active in the broadcast industry since 1965 and in broadcast engineering since 1972. That He is the holder of General Radiotelephone license no. PG-6-30133.

That the attached technical was either prepared by him or under his direct supervision. All material and exhibits hereto are believed to be true and correct.

  
Clyde Scott, Jr.  
EME Communications